

FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 920010.535	APPLICATION NO. 09/088,951
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		APPLICANTS Martin A. Cheever and Mary L. Disis	
		FILING DATE June 2, 1998	GROUP ART UNIT 1642

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>su</i>	AA	4,205,130	05/27/80	Vihko	435	196	
	AB	4,267,272	05/12/81	Josephson	435	7	
	AC	4,510,239	04/09/85	Miller et al.	435	7	
	AD	5,719,030	02/17/98	Kuroiwa et al.	435	7.1	
	AE	5,738,867	04/14/98	Spitler	424	450	
	AF	5,925,362	07/20/99	Spitler et al.	424	277.1	
	AG	5,976,546	11/02/99	Laus et al.	424	192.1	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
<i>su</i>						
	AH	CA 1 185 525	04/16/85	Canada		
	AI	WO 95/04548	02/16/95	PCT		
	AJ	WO 98/46769	10/22/98	PCT		

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>su</i>	AK	Bakker et al., "Melanocyte Lineage-specific Antigen gp100 Is Recognized by Melanoma-derived Tumor-infiltrating Lymphocytes," <i>The Journal of Experimental Medicine</i> 179:1005-1009, 1994.
	AL	Baselga et al., "Phase II Study of Weekly Intravenous Recombinant Humanized Anti-p185- <sup>HER2</sup> Monoclonal Antibody in Patients With HER2/ <i>neu</i> -Overexpressing Metastatic Breast Cancer," <i>Journal of Clinical Oncology</i> 14(3):737-744, 1996.
	AM	Ben-Mahrez et al., "Circulating Antibodies Against C-MYC Oncogene Products In Sera Of Colorectal Cancer Patients," <i>Int. J. Cancer</i> 46:35-38, 1990.
	AN	Berchuck et al., "Overexpression of <i>HER-2/neu</i> Is Associated with Poor Survival in Advanced Epithelial Ovarian Cancer," <i>Cancer Research</i> 50:4087-4091, 1990.
	AO	Bernards et al., "Effective tumor immunotherapy directed against an oncogene-encoded product using a vaccinia virus vector," <i>Proc. Natl. Acad. Sci. USA</i> 84:6854-6858, 1987.
	AP	Cheever et al., "Specific Adoptive Therapy Of Established Leukemia With Syngeneic Lymphocytes Sequentially Immunized <i>In Vivo</i> And <i>In Vitro</i> And Nonspecifically Expanded By Culture With Interleukin 2," <i>The Journal Of Immunology</i> 126(4):1318-1322, 1981.

EXAMINER <i>A. L. Yen</i>	DATE CONSIDERED 3/1
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## FOREIGN PATENT DOCUMENTS

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			YES NO

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

See	AA	Disis and Cheever, "HER-2/neu Protein: A Target for Antigen-Specific Immunotherapy of Human Cancer," <i>Advances in Cancer Research</i> 71:343-371, 1997.
	AB	Disis et al., "Existent T-Cell and Antibody Immunity to HER-2/neu Protein in Patients with Breast Cancer," <i>Cancer Research</i> 54:16-20, 1994.
	AC	Disis et al., "Immunity to the HER-2/neu oncogenic protein," in <i>Vaccines Against Virally Induced Cancers</i> , John Wiley & Sons, Chichester, 1994, CIBA Foundation Symposium 187, pp. 198-211.
	AD	Disis et al., "Peptide-Based, but Not Whole Protein, Vaccines Elicit Immunity to HER-2/neu, an Oncogenic Self Protein," <i>The Journal of Immunology</i> 156:3151-3158, 1996.
	AE	Disis et al., "Immunization with Homologous Foreign Proteins Generates Immunity Against "Self" Tumor Antigens," <i>The FASEB Journal Abstracts</i> 10(6):p. A1470, Abstract No. 2709, 1996.
	AF	Fisk et al., "Identification of an Immunodominant Peptide of HER-2/neu Protooncogene Recognized by Ovarian Tumor-specific Cytotoxic T Lymphocyte Lines," <i>J. Exp. Med.</i> 181:2109-2117, 1995.
	AG	Gaugler et al., "Human Gene MAGE-3 Codes for an Antigen Recognized on a Melanoma by Autologous Bytolytic T Lymphocytes," <i>J. Exp. Med.</i> 179:921-930, 1994.
	AH	Gusterson et al., "Prognostic Importance of c-erbB-2 Expression in Breast Cancer," <i>Journal of Clinical Oncology</i> 10(7):1049-1056, 1992.
	AI	Houghton, "Cancer Antigens: Immune Recognition of Self and Altered Self," <i>J. Exp. Med.</i> 180:1-4, 1994.
	AJ	Katsumata et al., "Prevention of breast tumor development <i>in vivo</i> by downregulation of the p185 <sup>neu</sup> receptor," <i>Nature Medicine</i> 1(7):644-648, 1995.
	AK	Kawakami et al., "Identification of the Immunodominant Peptides of the MART-1 Human Melanoma Antigen Recognized by the Majority of HLA-A2-restricted Tumor Infiltrating Lymphocytes," <i>The Journal of Experimental Medicine</i> 180:347-352, 1994.

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<b>OTHER PRIOR ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)						
SM	AA		Kern et al., "p185 <sup>neu</sup> Expression in Human Lung Adenocarcinomas Predicts Shortened Survival," <i>Cancer Research</i> 50:5184-5191, 1990.			
	AB		Mahi-Brown et al., "The cellular immune response to immunization with zona pellucida antigens," <i>Journal of Reproductive Immunology</i> 21:29-46, 1992.			
	AC		Mamula et al., "Breaking T Cell Tolerance With Foreign And Self CO-Immunogens. A Study of Autoimmune B and T Cell Epitopes of Cytochrome c," <i>The Journal of Immunology</i> 149(3):789-195, 1992.			
	AD		Mamula, "The Inability to Process a Self-Peptide Allows Autoreactive T Cells to Escape Tolerance," <i>J. Exp. Med.</i> 177:567-571, 1993.			
	AE		Matyas et al., "OncoVax_PTM vaccine for prostate cancer induces immune responses to prostate specific antigen in prostate cancer patients," <i>Proceedings of the American Association for Cancer Research Annual Meeting</i> 40: 576-577, 1999.			
	AF		Naftzger et al., "Immune response to a differentiation antigen induced by altered antigen: A study of tumor rejection and autoimmunity," <i>Proc. Natl. Acad. Sci. USA</i> 93:14809-14814, 1996.			
	AG		Nanda and Sercarz, "Induction of Anti-Self-Immunity to Cure Cancer," <i>Cell</i> 82:13-17, 1995.			
	AH		Peoples et al., "Breast and ovarian cancer-specific cytotoxic T lymphocytes recognize the same HER2/neu-derived peptide," <i>Proc. Natl. Acad. Sci. USA</i> 92:432-436, 1995.			
	AI		Schlichtholz et al., "The Immune Response to p53 in Breast Cancer Patients Is Directed against Immunodominant Epitopes Unrelated to the Mutational Hot Spot," <i>Cancer Research</i> 52:6380-6384, 1992.			
	AJ		Skinner et al., "Characterization of antigenicity and immunogenicity pattern of native and recombinant zona pellucida proteins in the white-tailed deer ( <i>Odocoileus virginianus</i> )," <i>Journal of Reproduction and Fertility</i> 101:295-303, 1994.			
	AK		Slamon et al., "Human Breast Cancer: Correlation of Relapse and Survival with Amplification of the HER-2/neu Oncogene," <i>Science</i> 235: 177-182, 1987.			
	AL		Takahashi et al., "Antibody to ras Proteins in Patients with Colon Cancer," <i>Clinical Cancer Research</i> 1:1071-1077, 1995.			

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DATE CONSIDERED

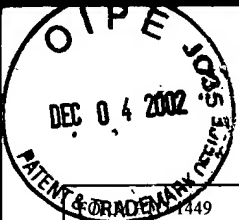
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## U.S. PATENT DOCUMENTS

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SM	AA		Talmadge et al., "Preclinical evaluation of OncoVax-P a prostate cancer vaccine," <i>Proceedings of the American Association for Cancer Research Annual Meeting 37</i> : p. 477, 1996.			
SM	AB		Yonemura et al., "Evaluation of Immunoreactivity for erB-2 Protein as a Marker of Poor Short Term Prognosis in Gastric Cancer," <i>Cancer Research 51</i> :1034-1038, 1991.			
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EXAMINER <i>A. Spencer</i>	DATE CONSIDERED <i>3/1/00</i>
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<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 920010.535		APPLICATION NO. 09/088,951	
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	AA						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY		TRANSLATION YES NO	
	AB						
<b>OTHER PRIOR ART</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
KAC	AC	Mamula et al., "B Cells Process and Present Lupus Autoantigens that Initiate Autoimmune T Cell Responses," <i>J. Immun.</i> 152:1453-1461, 1994.					
	AD						
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EXAMINER <i>Karen A. Gamella</i>				DATE CONSIDERED <i>3/24/03</i>			
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